

**CITY COUNCIL AGENDA MEMORANDUM**

**SUBJECT:**

Resolution No. **8531** authorizing execution of a consultant agreement with Reid Middleton, Inc. in the amount of \$169,481.40 to prepare a design alternative analysis for the proposed improvements at the intersection of Lakemont Boulevard/ Cougar Mountain Way (CIP Plan No. PW-I-92).

**FISCAL IMPACT:**

This action obligates the City to \$169,481.40 for the preparation of a design alternative analysis for the proposed improvements at the intersection of Lakemont Boulevard/Cougar Mountain Way (CIP Plan No. PW-I-92).

This amount is fully funded through the 2013-2019 Capital Investment Program (CIP Plan No. PW-I-92). The following table provides the financial status of the project.

CIP Plan No: PW-I-92  
Project Name: Lakemont Boulevard/Cougar Mountain Way

(\$000)

	Current Budget	LTD Expenditures	Total Projected Expenditures	Projected Balance	<i><b>This Action</b></i>	Actual / Projected Completion Date
Phase I (Pre-Design)	\$200	\$0	\$200	\$0	<b>\$170</b>	Q3-2013
Phase II (Design)	270	0	270	0	<b>0</b>	Q4-2013
Phase III (Right-of-Way)	100	0	100	0	<b>0</b>	Q4-2013
Phase IV (Construction)	970	0	970	0	<b>0</b>	Q4-2014
Total	\$1,540	\$0	\$1,540	\$0	<b>\$170</b>	

**STAFF CONTACT:**

David Berg, Director, Transportation, 452-6468  
Ron Kessack, Assistant Director 452-4631  
Mike Mattar, Design Division Manager, 452-4318  
Paul Krawczyk, Senior Project Manager, 452-7905  
*Transportation Department*

**POLICY CONSIDERATION:**

**Comprehensive Plan – Newcastle Subarea**

This project supports the City's Comprehensive Plan policies by providing improved and convenient access at the intersection of Lakemont Boulevard and Cougar Mountain Way. As stated in the Newcastle Subarea Plan **POLICY S-NC-23**. "Ensure convenient access by car and transit from the Subarea (Newcastle) to existing retail areas within the Bellevue city limits". The intent of this policy is to ensure that adequate private and public services are provided for current

and future residents of the area. This proposed project will improve public service and improve access to area parks, schools, retail facilities and residences that current use Lakemont Boulevard and Cougar Mountain Way.

**BACKGROUND:**

This project would address over 20 citizen requests received since 2007 for signalization/safety improvements at the intersection of Lakemont Boulevard/ Cougar Mountain Way, including one directly from the Summit Home Owners Association. This project would partner with CIP Plan No. CD-22 - Enhanced Right of Ways and Urban Boulevards due to the unique gateway enhancement.

On December 3, 2012, Council authorized Ordinance No. 6089 adopting the 2013-2019 Capital Improvement Program Plan (CIP). As part of the CIP Plan, the Lakemont Boulevard/ Cougar Mountain Way project (CIP Plan No. PW-I-92) was created with a budget of \$1.5 Million for the completion of design, right-of-way acquisition and construction of improvements at the intersection of Lakemont Boulevard/Cougar Mountain Way/SE 63<sup>rd</sup> Street.

The existing intersection at Lakemont Boulevard/Cougar Mountain Way/SE 63<sup>rd</sup> Street consists of a two-way-stop intersection controlling traffic from the Cougar Mountain Way and SE 63<sup>rd</sup> Street approaches. Over the past four years, residents in the area have noticed an increase in traffic and delay due to peak hour traffic accessing Cougar Mountain Way and the Open Window School. The City has received many requests to provide improvements at this intersection. A range of improvements have been suggested by the residents, including a traffic roundabout, a traffic signal, or four-way stop signs.

The first phase of work will analyze all feasible improvement alternatives for the intersection. The alternative analysis phase will include gathering field topographical survey and existing environmental information, such as creeks and wetlands, developing conceptual designs to identify construction costs, right-of-way needs, and environmental impacts for the various alternatives, and to develop an alternative selection criteria.

Staff will engage the community and the roadway users in the development of design alternatives and in the selection of a preferred alternative for the improvements. Staff will return to Council for an update on the community's involvement and a recommended design alternative, and will seek Council's direction to proceed with final design of the selected alternative. The alternative analysis and the community outreach is expected to be completed by late Summer of 2013, and the final design is expected to be completed by the end of 2013. Construction is expected to begin in early 2014.

The City will utilize the services of an engineering consultant to prepare the design alternative analysis, and to provide support for the City in conducting the public outreach for the project. The following describes the consultant selection process for this project:

A notice of the project was sent out to engineering consultant firms on the Professional Services/Consultant Engineering/Transportation Planning and Design roster on the City's Shared Procurement Portal. Interested firms were urged to update their Statement of Qualifications (SOQ's) that are on file with the City. A consultant selection panel consisting of staff members from the Transportation and Parks Departments reviewed the updated SOQ's, evaluated the qualifications of six consultant firms, and selected the following firms for interviews:

- David Evans and Associate, Inc.
- Tetra Tech, Inc.

- Reid Middleton, Inc.

The selection criteria used for evaluating each firm during the interviews included:

- Qualifications and expertise of the consultant-proposed project manager
- Qualifications and expertise of the proposed project consultant team
- The firm's understanding of the major issues and challenges for this project and their strategy for completing the alternative design analysis on time
- The firm's past experience on similar projects including roundabouts, traffic signals and STOP control intersections
- The consultant team's experience and ideas in providing support for the public outreach process.

Reid Middleton, Inc. was selected as the most qualified firm because they presented a strong multi-disciplinary team, displayed detailed knowledge of the project's issues and challenges, displayed high level of technical expertise, presented several successful examples of designing roundabouts in the past, and appeared to be best-suited for meeting project deadlines.

**EFFECTIVE DATE:**

If adopted, this Resolution becomes effective immediately.

**OPTIONS:**

1. Resolution No. 8531 authorizing execution of a consultant agreement with Reid Middleton, Inc. in the amount of \$169,481.40 to prepare a design alternative analysis for the proposed improvements at the intersection of Lakemont Boulevard/ Cougar Mountain Way (CIP Plan No. PW-I-92).
2. Do not adopt Resolution No. 8531 and provide alternative direction to staff.

**RECOMMENDATION:**

Adopt Resolution No. 8531 authorizing execution of a consultant agreement with Reid Middleton, Inc. in the amount of \$169,48.40 to prepare a design alternative analysis for the proposed improvements at the intersection of Lakemont Boulevard/ Cougar Mountain Way (CIP Plan No. PW-I-92).

**MOTION:**

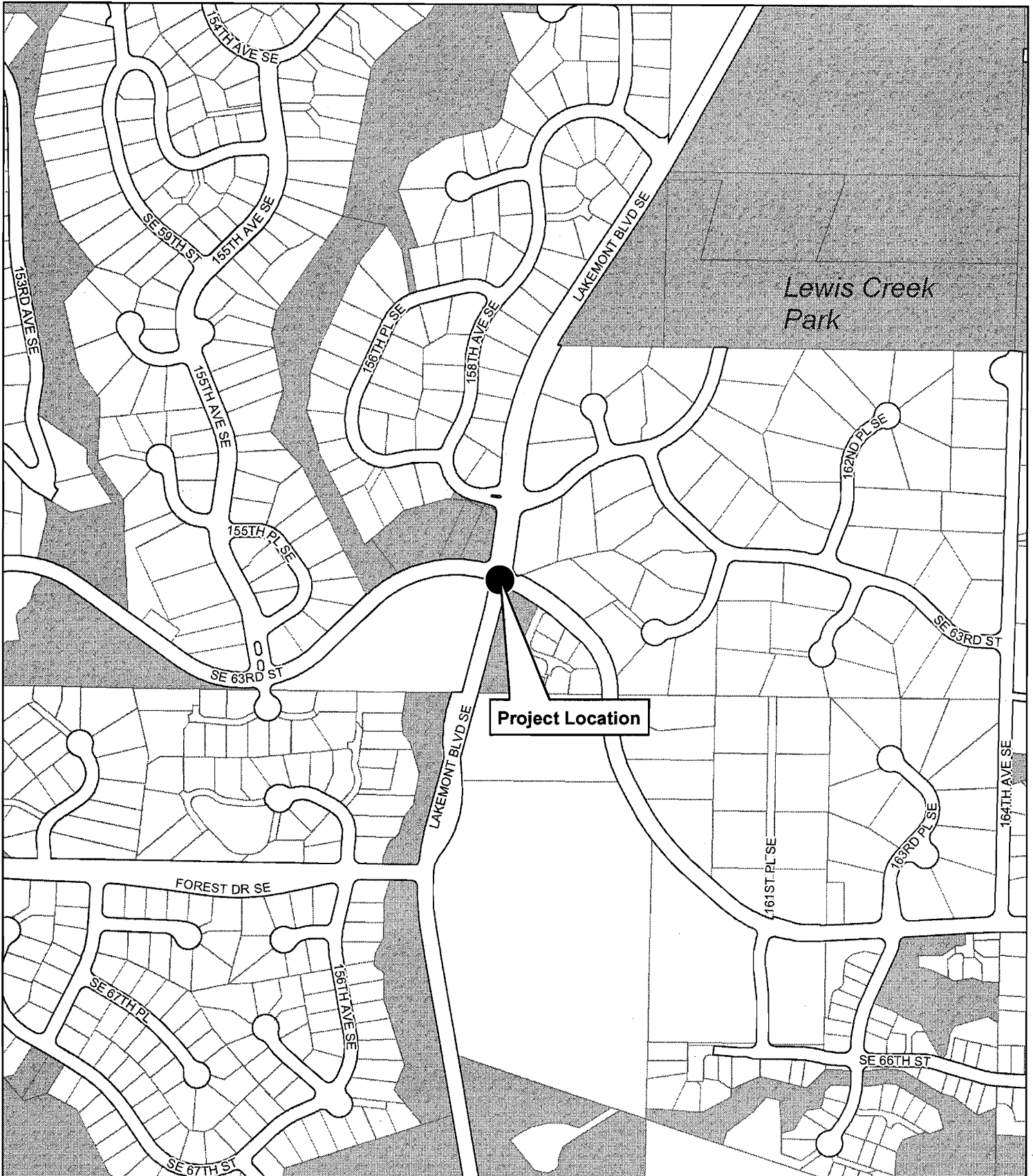
Move to adopt Resolution No. 8531 authorizing execution of a consultant agreement with Reid Middleton, Inc. in the amount of \$169,48.40 to prepare a design alternative analysis for the proposed improvements at the intersection of Lakemont Boulevard/ Cougar Mountain Way (CIP Plan No. PW-I-92).

**ATTACHMENTS:**

Vicinity Map  
CIP Project Description  
Proposed Resolution No. 8531

**AVAILABLE IN COUNCIL OFFICE:**

Consultant Agreement



City of  
Bellevue  
GIS Services

Vicinity map

**PW-I-92 Lakemont Boulevard / Cougar Mountain Way**



**PW-I-92 Lakemont Boulevard / Cougar Mountain Way**

Category: **Intersections**  
 Department: **Transportation**

Status: **New**  
 Location: **Lakemont Blvd/Cougar Mt Wy/SE 63rd St**

**Programmed Funding**

<u>Programmed Funding</u>	<u>Appropriated To Date</u>	<u>FY 2013 Budget</u>	<u>FY 2014 Budget</u>	<u>FY 2015 Budget</u>	<u>FY 2016 Budget</u>	<u>FY 2017 Budget</u>	<u>FY 2018 Budget</u>	<u>FY 2019 Budget</u>
<b>1,539,948</b>	-	<b>255,250</b>	<b>161,670</b>	<b>1,123,028</b>	-	-	-	-

**Description and Scope**

This project will include an alternative analysis followed by final design and construction of selected traffic operation improvements at the intersection of Lakemont Boulevard and Cougar Mountain Way/SE 63rd Street. Improvements will be identified, designed, and constructed in a manner that enhances safety and improves intersection operation for vehicular, bicycle and pedestrian traffic. Intersection improvements that may be considered include: a roundabout, a traditional traffic signal with added turn pockets, and a 4-way stop controlled intersection. The alternative analysis and selection phase will include community outreach/involvement facilitation. This project will be coordinated with the Enhanced Right of Ways and Urban Boulevards Program (CIP Plan No. CD-22) due to the unique gateway enhancement opportunity provided by the roundabout alternative. The project budget was established to accommodate the preliminary cost estimates for a roundabout alternative.

**Rationale**

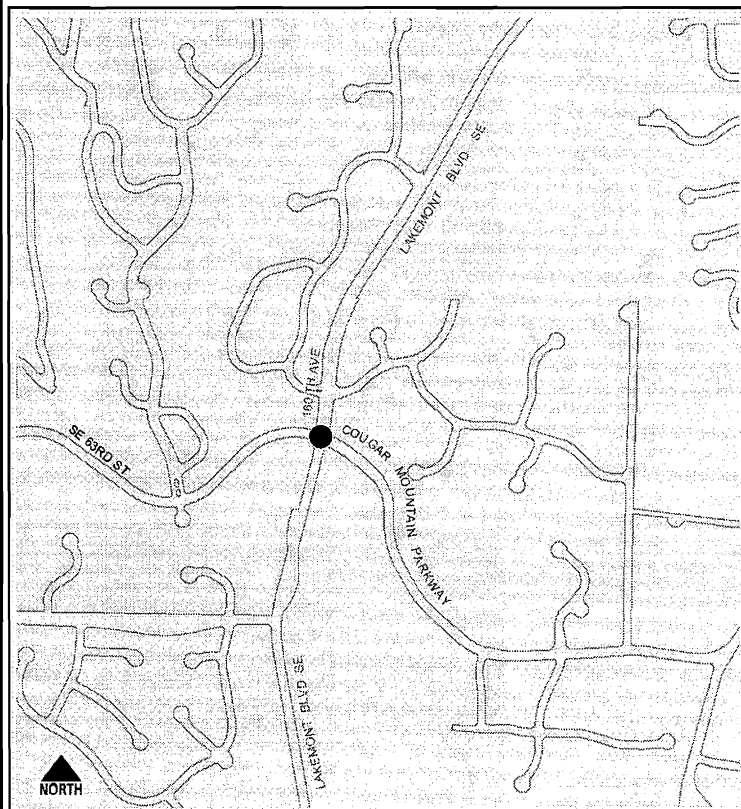
This project responds to numerous citizen requests for traffic control measures at this intersection. A signal warrant analysis at this intersection was conducted in October of 2011 and confirmed the conclusion from the 2004 Lakemont Boulevard Pre-Design Analysis that indicated a traffic signal would be warranted at this location in the future. The city has begun considering alternatives to traditional traffic signals, thus a roundabout at this location will be seriously considered for its potential to better address safety concerns, congestion, and ongoing operating and maintenance costs. A roundabout may also provide a more environmentally and energy sensitive solution, as well as enhanced landscaping opportunities.

**Environmental Impacts**

A citywide programmatic environmental review including this project was conducted as part of the citywide 2009-2020 Transportation Facilities Plan update. Programmatic impact and mitigation documentation is included in the 2009-2020 TFP Final Environmental Impact Statement, published in March 2009. A project-specific environmental determination will be made for this project in conjunction with preliminary engineering.

**Operating Budget Impacts**

Ongoing maintenance and operations costs of the new facilities will be determined during the project's design phase.

**Project Map**

<u>Project Activities</u>	<u>From - To</u>	<u>Amount</u>
Project Costs	01/13 - 12/15	1,539,948

**Total Budgetary Cost Estimate:** 1,539,948

**Means of Financing**

<u>Funding Source</u>	<u>Amount</u>
General Taxes	1,539,948

**Total Programmed Funding:** 1,539,948

**Future Funding Requirements:** 0

CITY OF BELLEVUE, WASHINGTON

RESOLUTION NO. 8531

A RESOLUTION authorizing the execution of a consultant agreement with Reid Middleton, Inc., in an amount not to exceed \$169,481.40, to prepare a design alternative analysis for the proposed improvements at the intersection of Lakemont Boulevard/Cougar Mountain Way/SE 63rd Street (CIP Plan No. PW-I-92).

THE CITY COUNCIL OF THE CITY OF BELLEVUE, WASHINGTON, DOES  
RESOLVE AS FOLLOWS:

Section 1. The City Manager or his designee is hereby authorized to execute a consultant agreement with Reid Middleton, Inc. in an amount not to exceed \$169,481.40, to prepare a design alternative analysis for the proposed improvements at the intersection of Lakemont Boulevard/Cougar Mountain Way/SE 63<sup>rd</sup> Street (CIP Plan No. PW-I-92), a copy of which agreement has been given Clerk's Receiving No. \_\_\_\_\_.

Passed by the City Council this \_\_\_\_\_ day of \_\_\_\_\_, 2013,  
and signed in authentication of its passage this \_\_\_\_\_ day of \_\_\_\_\_,  
2013.

(SEAL)

\_\_\_\_\_  
Conrad Lee, Mayor

Attest:

\_\_\_\_\_  
Myrna L. Basich, City Clerk